

Natural Resource Plan

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- 1. Align with the Environmental Policy**
- 2. Provide a strategic plan which guides our resource management decisions and actions**
- 3. Provide NEPA coverage**
- 4. Provide specialists with “reference manual” regarding all implementation activities**
- 5. Provide clarity and transparency**



- **As defined in the Environmental Policy, the NRP will focus on four resource areas:**
 - **Natural Resource Management**
 - **Recreation**
 - **Reservoir Lands Planning**
 - **Water Resource Management**
- **Exclusions**



The NRP will consist of five volumes:

- Volume 1 – The Natural Resource Plan (integrated)
- Volume 2 – Natural Resource Management
- Volume 3 – Recreation Management
- Volume 4 – Reservoir Lands Planning
- Volume 5 – Water Resource Management



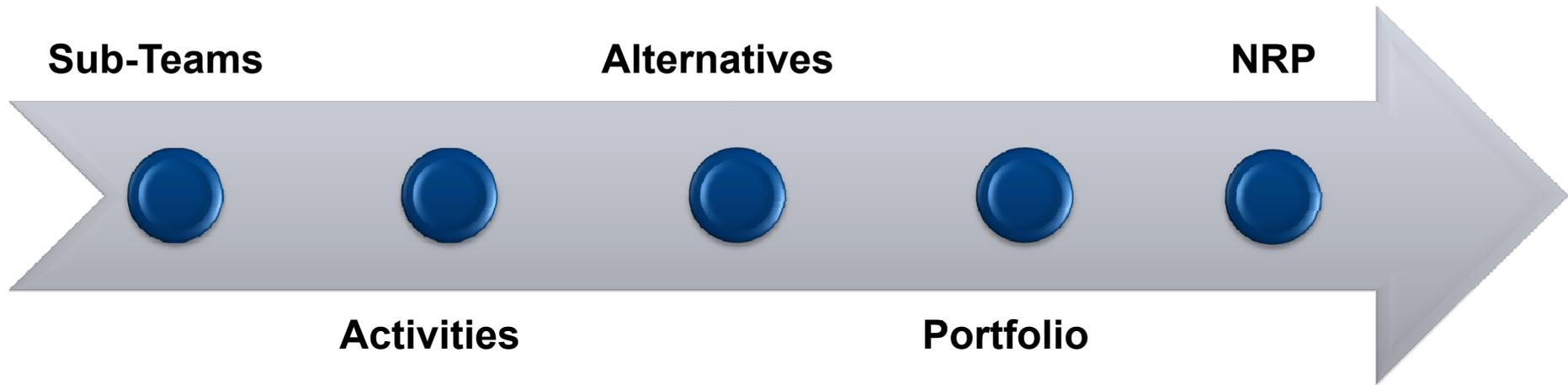
Each resource volume will include:

- ❑ Introduction
- ❑ Purpose and Need Section for Each Resource Area
- ❑ Description of Implementation Activities
- ❑ Range of Reasonable Alternatives
- ❑ Affected Environment
- ❑ Environmental Consequences



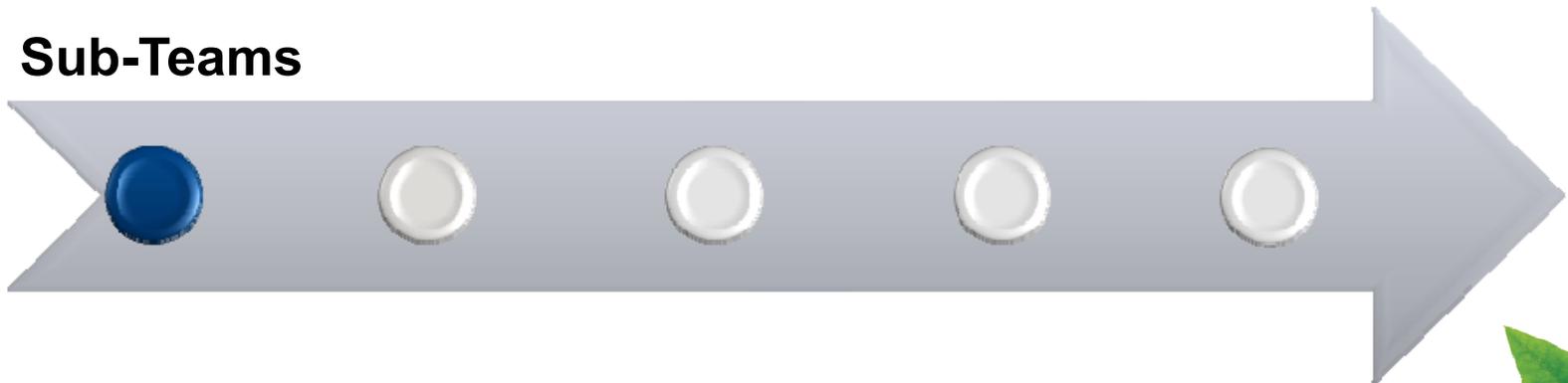


How Do We Get There?

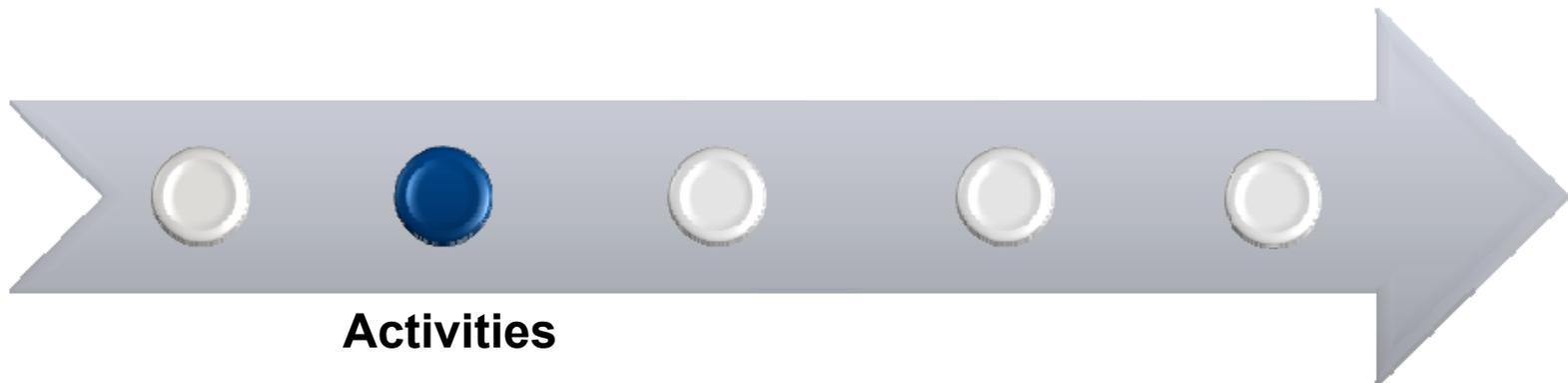


- **Due to the size and complexity of each resource area, TVA formed sub-teams to address each discipline**
- **A sub-team consists of resource specialists, such as biologists, archaeologists, foresters, and other related backgrounds specific to the resource area**

Sub-Teams



- **The sub-teams were asked to identify current and potential future activities**
- **Question!**





Example of Implementation Activities, as Framed by Critical Success Factors of the Environmental Policy

Water Resource Protection

- Agricultural and urban BMPs
- Growth readiness
- Water efficiency education and planning
- Water quality technical support for stakeholder planning and decision-making
- Evaluation of water resource grants

Natural Resource Management

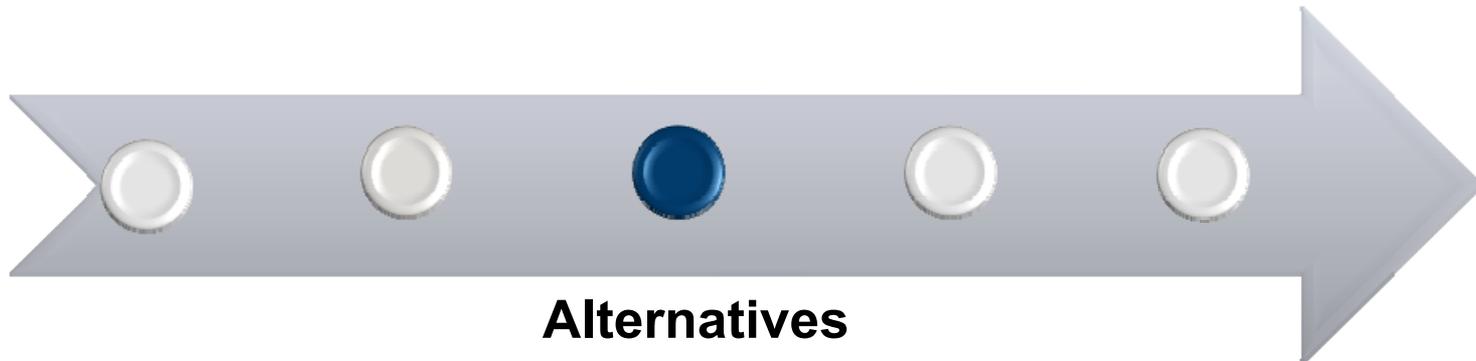
- Protection of sensitive resources while promoting dispersed recreation
- Partnerships options with land management, carbon management, forestry management, wildlife habitat management, and non-native invasive plant management
- Management and oversight of developed recreation facilities

Sustainable Land Use

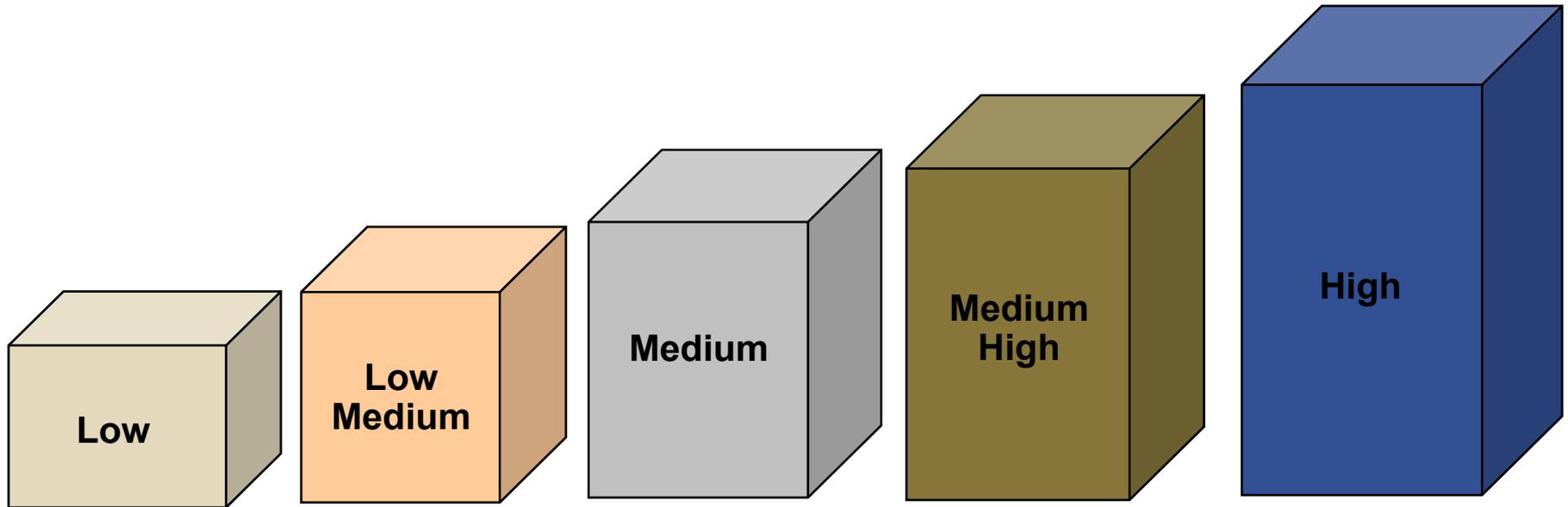
- Evaluation of land planning methodologies
- Improve or maintain the health of TVA-managed public lands
- Portfolio of sustainable land use and water resource management options
- Campground management options



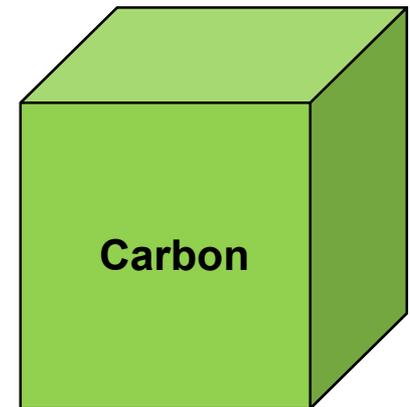
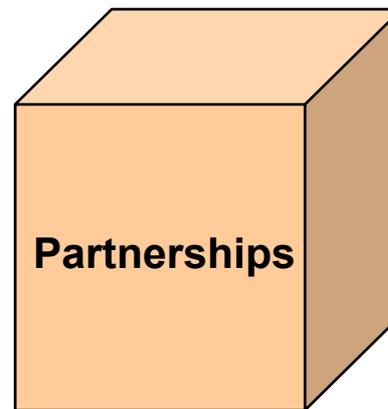
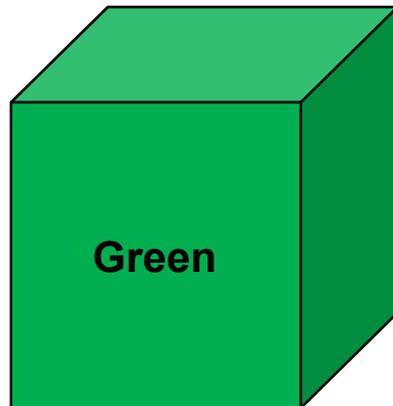
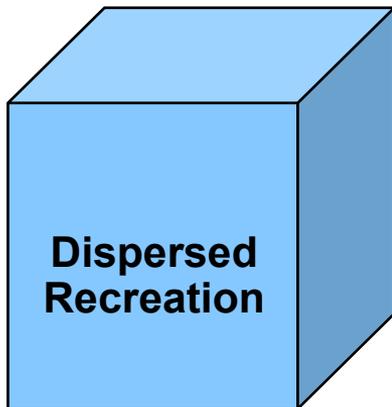
We will develop alternatives using the activities developed by the sub-teams



- This option focuses on a range of activities, from high to low



- This option groups activities by focus area or discipline. Examples for the Natural Resource Management volume might include:





Alternatives Tested

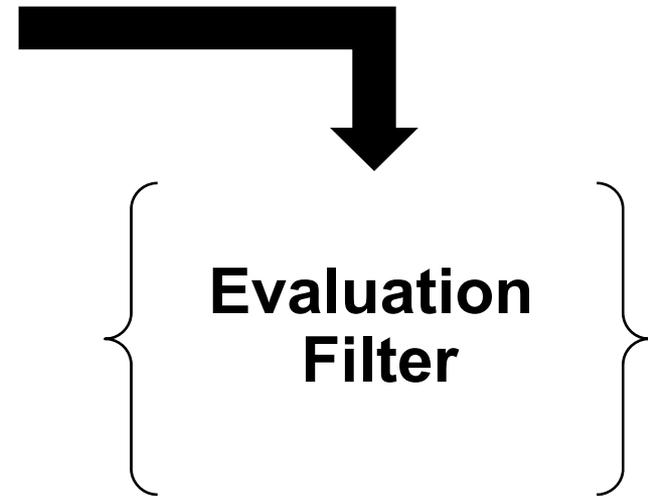
- Mirrored off the IRP, TVA will test or measure the alternatives against real-world scenarios

	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
	Economy Recovers Dramatically	Environmental Focus is a National Priority	Prolonged Economic Malaise	Carbon Legislation	Other
Passive	Alt. A Alt. C Alt. E Alt. B				
Active					
Best-in-Class					



Using a populated matrix, we will “evaluate” what alternatives or mix of alternatives best positions TVA as a leader in resource management

Economy Recovers Dramatically	Environmental Focus is a National Priority	Prolonged Economic Malaise	Carbon Legislation	Global Climate Change
NRM Alt A Rec Alt D Water Alt E	NRM Alt B Rec Alt C Water Alt D	NRM Alt B Rec Alt A Water Alt C	NRM Alt D Rec Alt C Water Alt C	NRM Alt D Rec Alt D Water Alt E
NRM Alt B Rec Alt C Water Alt C	NRM Alt F Rec Alt D Water Alt D	NRM Alt B Rec Alt B Water Alt C	NRM Alt B Rec Alt D Water Alt B	NRM Alt F Rec Alt C Water Alt C
NRM Alt D Rec Alt B Water Alt B	NRM Alt D Rec Alt C Water Alt C	NRM Alt B Rec Alt C Water Alt C	NRM Alt D Rec Alt B Water Alt B	NRM Alt C Rec Alt B Water Alt B
Lands Plan Alt C2 Rec Alt E NRM Alt D	Lands Plan Alt B1 Rec Alt B NRM Alt D	Lands Plan Alt B2 Rec Alt C NRM Alt B	Lands Plan Alt C2 Rec Alt B NRM Alt F	Lands Plan Alt C2 Rec Alt E NRM Alt E



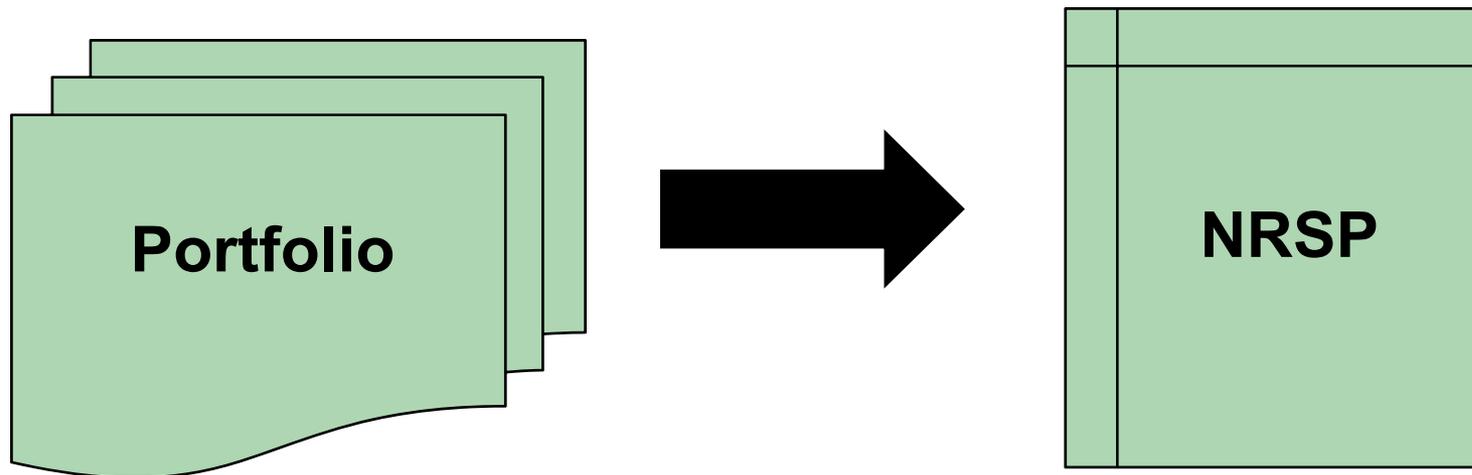
This matrix is for illustration purposes only.



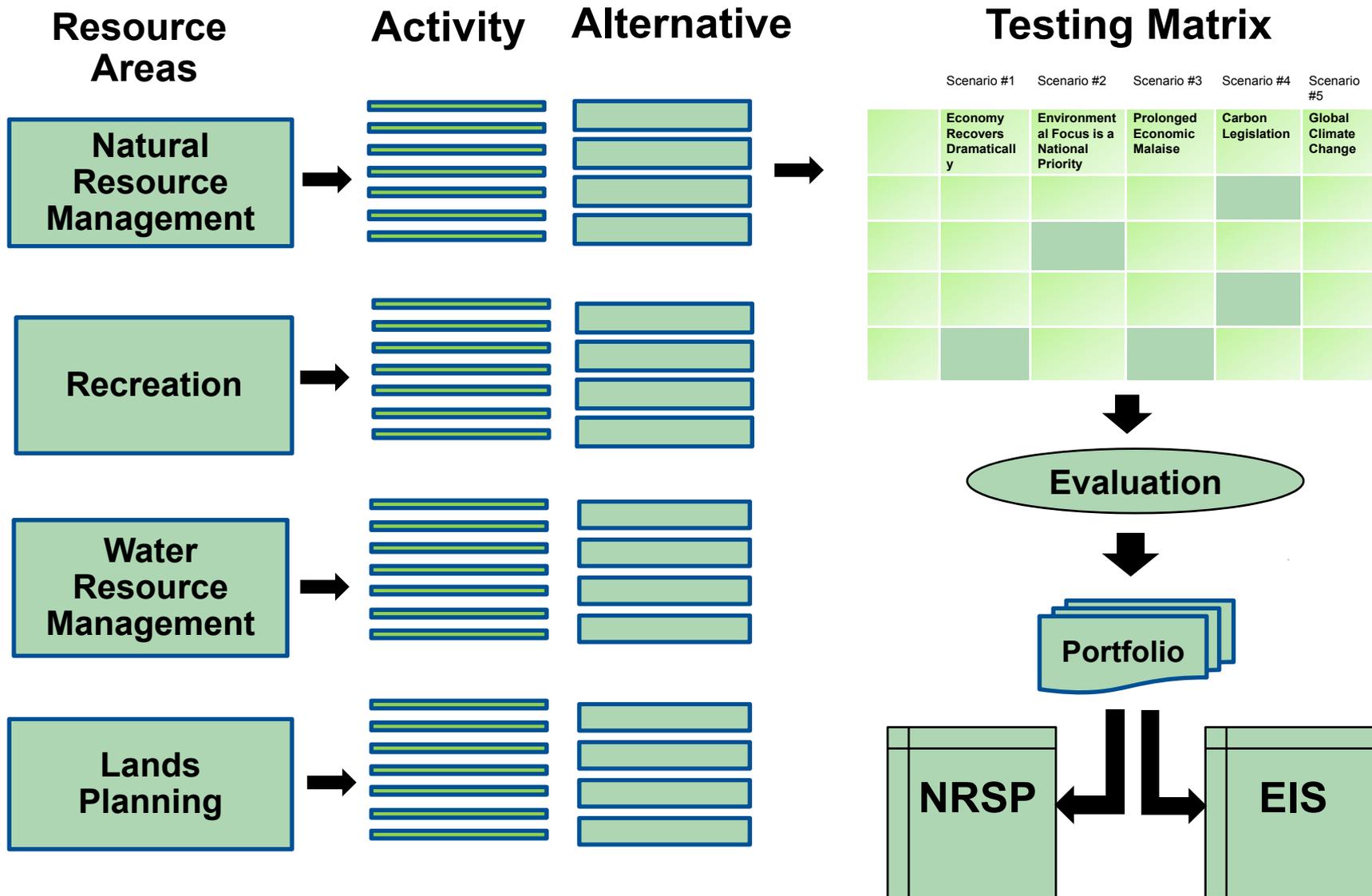
Question!

- **What evaluation criteria should we use?**
- **What evaluation criteria would best measure our success and define TVA as a leader in resource management?**

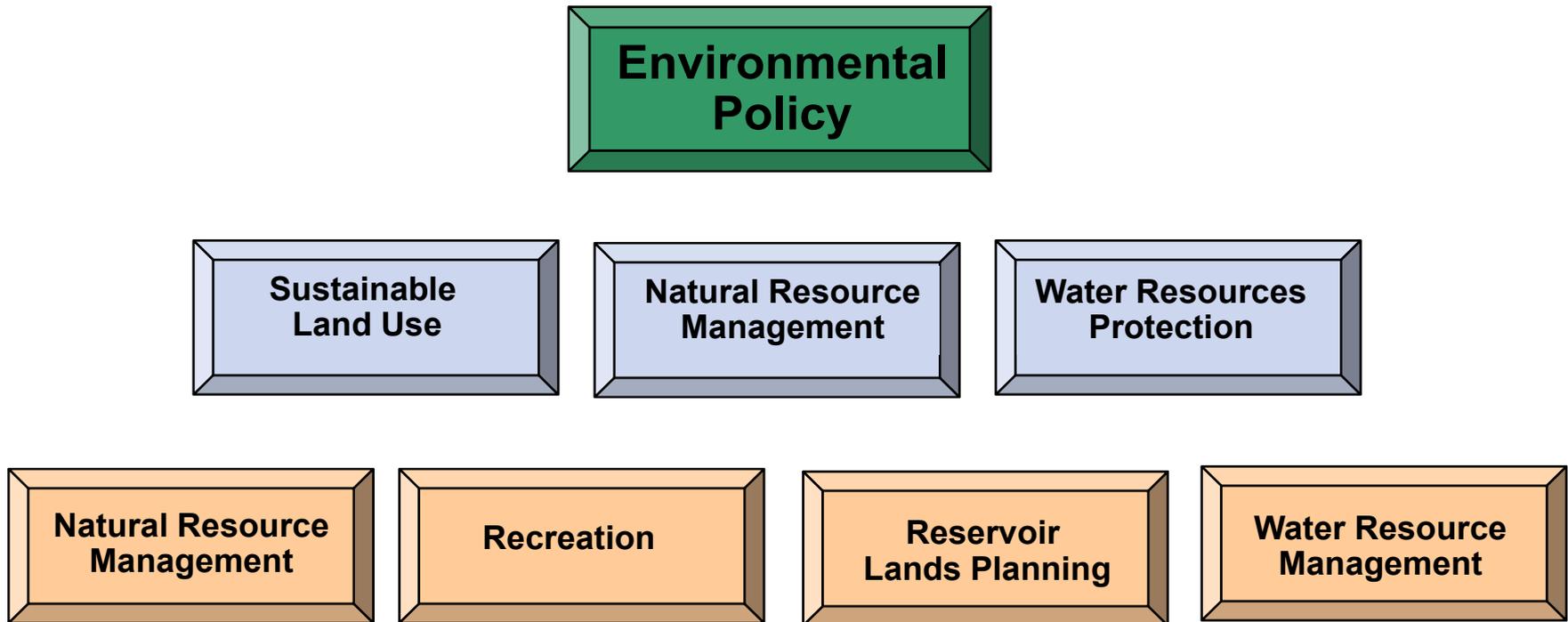
- **The results of the evaluation will allow us to build a “robust” portfolio of resource management options. The portfolio will give us the parameters by which we frame the Natural Resource Strategic Plan (NRSP).**



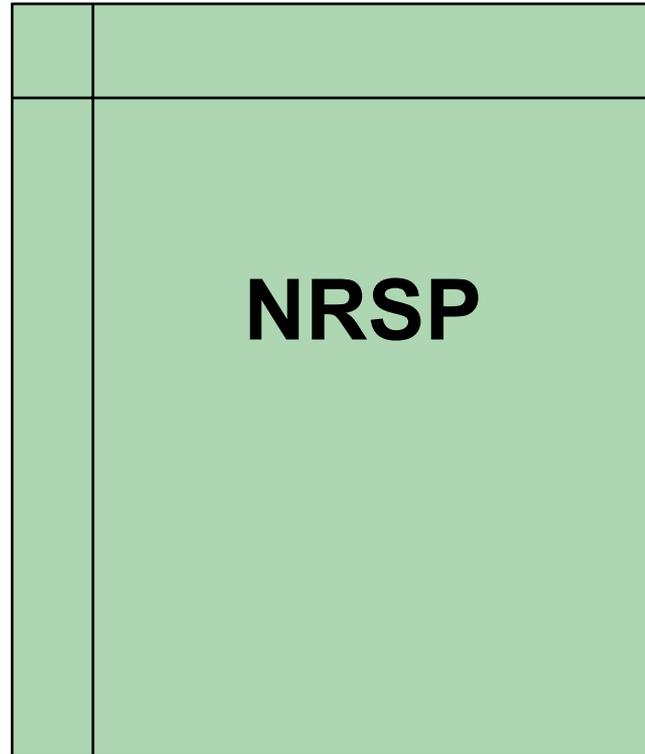
- **The NRP will focus on four resource areas**
- **The NRP will contain five volumes**
- **Each resource volume will contain a comprehensive list of implementation activities**
- **The activities will be grouped into “alternatives”**
- **Alternatives will be “tested” against a matrix**
- **Based on this test, TVA will develop a “robust” portfolio of resource management options**
- **Using the portfolio, TVA will develop a Natural Resource Strategic Plan**



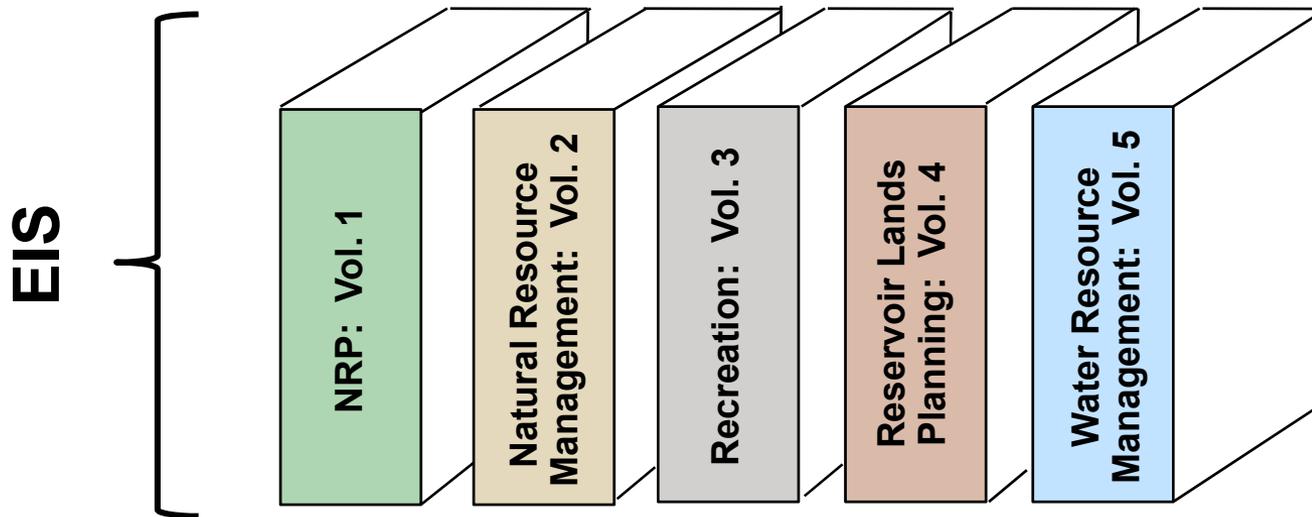
✓ Align with TVA's Environmental Policy



- ✓ Provide a strategic plan which guides our resource management decisions and actions



- ✓ Provide NEPA coverage
- ✓ Provide specialist with a “reference tool” for implementation activities
- ✓ Provide clarity and transparency





Where Do We Go From Here?

